

## EAST Search History

| Ref # | Hits   | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|---|------------------|---------|------------------|
| L1    | 2      | "US 20070012932"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                                    | AND              | ON      | 2007/06/09 11:05 |
| L10   | 5334   | (257/94 "257/79" 438/22 257/13).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/06/09 11:12 |
| L11   | 90     | ((MASATO) near2 (KOBAYAKAWA)).<br>INV. ((MINEO) near2 (OKUYAMA)).<br>INV. ((HIDEKI) near2 (TOMOZAWA)).<br>INV. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/06/09 11:05 |
| L12   | 0      | jp-200243618-\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/06/09 11:12 |
| L13   | 2      | jp-2002043618-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/06/09 11:12 |
| L14   | 8      | (jp-2003229645-\$ jp-2001102629-\$<br>jp-2002133925-\$ jp-2002043618-\$).did.                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/06/09 11:14 |
| L15   | 356412 | nitride  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/06/09 11:14 |

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|     |        |                                      |   |      |    |                  |
|-----|--------|--------------------------------------|---|------|----|------------------|
| L16 | 519486 | (light adj emit\$5) or light?emit\$5 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR   | ON | 2007/06/09 11:14 |
| L17 | 31334  | 15 16                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | AND  | ON | 2007/06/09 11:15 |
| L18 | 13271  | 15 16                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | SAME | ON | 2007/06/09 11:15 |
| L19 | 10500  | 15 16                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | WITH | ON | 2007/06/09 11:15 |
| L20 | 825    | 15 16                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | ADJ  | ON | 2007/06/09 11:15 |
| L21 | 23839  | quantum adj well                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | ADJ  | ON | 2007/06/09 11:15 |
| L22 | 555169 | barrier                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | ADJ  | ON | 2007/06/09 11:16 |

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|     |        |                     |   |      |    |                  |
|-----|--------|---------------------|---|------|----|------------------|
| L23 | 195    | 20 21 22            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | AND  | ON | 2007/06/09 11:16 |
| L24 | 0      | 14 23               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | AND  | ON | 2007/06/09 11:16 |
| L25 | 2      | 14 15 16            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | AND  | ON | 2007/06/09 14:36 |
| L26 | 123411 | semiconductor laser | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | ADJ  | ON | 2007/06/09 14:37 |
| L27 | 110627 | phosphor            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | ADJ  | ON | 2007/06/09 14:39 |
| L28 | 296    | 26 27               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | WITH | ON | 2007/06/09 14:37 |
| L29 | 4      | 26 27               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | ADJ  | ON | 2007/06/09 14:37 |

## EAST Search History

|     |     |  |   |      |    |                  |
|-----|-----|--|---|------|----|------------------|
| L30 | 15  | lamp phosphor cover 15                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | SAME | ON | 2007/06/09 14:51 |
| L31 | 0   | (method lamp) and (phosphor cover)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | ADJ  | ON | 2007/06/09 14:52 |
| L32 | 168 | (method lamp) and (phosphor cover)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | WITH | ON | 2007/06/09 14:52 |
| L33 | 96  | (method lamp) and (phosphor cover) and<br>16         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | WITH | ON | 2007/06/09 14:53 |
| L34 | 45  | (method lamp) and (phosphor cover) and<br>(16 diode) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | WITH | ON | 2007/06/09 14:53 |